

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare: THAT my residence, post office address and citizenship are as stated below next to my name;

THAT I verily believe I am the original, first and sole (if only one name is listed below) or a joint (if plural names are listed below) inventor of the invention entitled: HIGH PEAK CURRENT DENSITY RESONANT TUNNELING DIODE of which the specification:

[] is attached hereto;

[X] was filed on June 19, 1997 as Application Serial No. 08/879,161;

[] is amended in the attached Amendment;

[] was amended in an Amendment filed _____;

THAT I do not know and do not believe that this invention was ever known or used in the United States of America before my or our invention or discovery thereof, or patented or described in any printed publication in any country before my or our invention or discovery thereof, or more than one year prior to the date of this application;

THAT the invention was not in public use or on sale in the United States of America for more than one year prior to the date of this application;

THAT this invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months before the date of this application;

THAT I have reviewed and understand to the best of my ability the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above;

THAT I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with 37 CFR Sec. 1.56;

THAT applications for patent or inventor's certificate on this invention or discovery which have been filed by me or my legal representatives or assigns in any country foreign to the United States of America are as follows:

(a) None filed more than 12 months prior hereto, except as identified here: _____

(b) _____

_____ of which priority is hereby claimed under 35 USC Sec. 119.

09/25/99 01:30:01

THAT I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional application Serial No. 60/020,141, filed June 21, 1996.

And I hereby appoint as my attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

Harry C. Engstrom
Foley & Lardner
P.O. Box 1497
Madison, Wisconsin 53701-1497

to whom all written communications regarding the subject application are to be directed, and each attorney thereof named below with Registration Numbers and of the same address:

Harry C. Engstrom	Reg. No. 26,876	Russell J. Barron	Reg. No. 29,512
Jack L. Lahr	Reg. No. 19,621	Stephen A. Bent	Reg. No. 29,768
Peter G. Mack	Reg. No. 26,001	David A. Blumenthal	Reg. No. 26,257
Sybil Meloy	Reg. No. 22,749	John C. Cooper	Reg. No. 26,416
John J. Feldhaus	Reg. No. 28,822	Richard L. Schwaab	Reg. No. 25,479
Arthur Schwartz	Reg. No. 22,115	Colin G. Sandercock	Reg. No. 31,298
Donald D. Jeffery	Reg. No. 19,980	Brian J. McNamara	Reg. No. 32,789
Mark A. Kassel	Reg. No. 38,200	Peter J. Manghera	Reg. No. 40,080
Jaen Andrews	Reg. No. 35,051		

Please address all communications to Harry C. Engstrom at the above address, telephone no. (608) 258-4207, or facsimile transmission no. (608) 258-4258.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature

Date

12/31/97

Inventor's Name (typed)

Dan

Botez

First

Middle Initial

Family Name

Citizenship United States of America

Residence (City) Madison

(State/Foreign Country) Wisconsin

Post Office Address 200 N. Prospect Avenue (Zip Code) 53705

[X] Additional sheet(s) attached respecting additional inventors.

Applicant or Patentee: Dan Botez et al.

Serial or Patent No.: 08/879,161

Filed or Issued: June 19, 1997

For: HIGH PEAK CURRENT DENSITY RESONANT TUNNELING DIODE

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) and 1.27(b)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled HIGH PEAK CURRENT DENSITY RESONANT TUNNELING DIODE

described in

☐ the specification filed herewith.

☒ application serial no. 08/879,161, filed June 19, 1997.

☐ patent no. _____, issued _____.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under a obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☐ no such person, concern, or organization

☒ persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME: Wisconsin Alumni Research Foundation

ADDRESS: P.O. Box 7365, Madison, WI 53707-7365

☐ INDIVIDUAL

☐ SMALL BUSINESS CONCERN

☒ NONPROFIT ORGANIZATION

NAME: _____

ADDRESS: _____

☐ INDIVIDUAL

☐ SMALL BUSINESS CONCERN

☐ NONPROFIT ORGANIZATION

Applicant or Patentee: Dan Botez et al.

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☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

NAME: _____

ADDRESS: _____

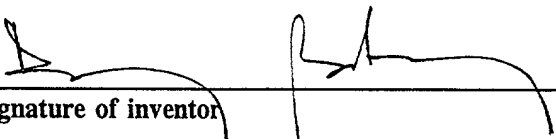
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Dan Botez

Name of inventor

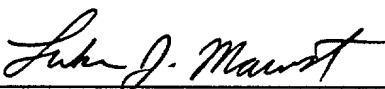


Signature of inventor

Date 12/18/97

Luke J. Mawst

Name of inventor




Signature of inventor

Date 12/19/97

Ali R. Mirabedini

Name of inventor



Signature of inventor

Date Dec. 19/97

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(b) _____, of which priority is hereby claimed under 35 USC Sec. 119.

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Provisional application Serial No. 60/020,141, filed June 21, 1996

6522250

And I hereby appoint as my attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

Harry C. Engstrom
Foley & Lardner
P.O. Box 1497
Madison, Wisconsin 53701-1497

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Peter G. Mack	Reg. No. 26,001	David A. Blumenthal	Reg. No. 26,257
Sybil Meloy	Reg. No. 22,749	John C. Cooper	Reg. No. 26,416
Phillip B.C. Jones	Reg. No. 38,195	John J. Feldhaus	Reg. No. 28,822
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Colin G. Sandercock	Reg. No. 31,298	Donald D. Jeffery	Reg. No. 19,980
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Peter J. Manghera	Reg. No. 40,080	Jaen E. Andrews	Reg. No. 35,050

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Inventor's Signature _____

Date _____

Inventor's Name (typed) Dan Botez
First Middle Initial Family Name

Citizenship United States of America

Residence (City) Madison

(State/Foreign Country) Wisconsin

Post Office Address 200 N. Prospect Avenue (Zip Code) 53705

☒ Additional sheet(s) attached respecting additional inventors.

Inventor's Signature _____

Date _____

Inventor's Name (typed) Luke J. Mawst
First Middle Initial Family Name

Citizenship United States of America

Residence (City) Sun Prairie

(State/Foreign Country) Wisconsin

Post Office Address 2030 Fish Hatchery Road (Zip Code) 53713

Inventor's Signature _____

Date _____

Inventor's Name (typed) Ali R. Mirabedini
First Middle Initial Family Name

Citizenship United States of America

Residence (City) Madison

(State/Foreign Country) Wisconsin

Post Office Address 2030 Fish Hatchery Road (Zip Code) 53713